

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant | : | Francis X. Canning |
| Appl. No. | : | 10/619,796 |
| Filed | : | July 15, 2003 |
| For | : | SPARSE AND EFFICIENT BLOCK FACTORIZATION FOR INTERACTION DATA |
| Examiner | : | Herng Der Day |
| Group Art Unit | : | 2128 |

EXAMINER COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Summary Of Interview

After receipt of the Notice of Allowance, it is my understanding that Examiner Day contacted Lee Henderson, applicant's attorney or record, regarding the computer program listing included in printed form at the end of the originally filed patent application. Because the computer program listing is in excess of 300 lines, Examiner Day requested that the computer program listing be submitted in "ASCII" format on a compact disc.

Accordingly, we are submitting herewith under separate cover, copies of the computer program listing on two compact discs in compliance with 37 C.F.R. § 1.96. Also, as set forth below, Application respectfully requests that the patent specification we amended to reflect the submission of the computer program listing on compact disc.

Changes to the Specification

Because Applicant is submitting the computer program listing appearing in Appendix A in electronic format, please delete Appendix A. Also, please revise the paragraph 0002 and the title immediately preceding paragraph 0002 as follows:

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COMPUTER PROGRAM LISTING SUBMITTED ON A COMPACT DISC

[0002] A computer program listing in ~~Appendix A~~ appendix is being submitted herewith that lists a sample computer program for one embodiment of the invention on a compact disc as an electronic file entitled CANNING001CP2 ComputerPgm.txt which is 37 KB in size. The information in the electronic format of the computer program listing appendix is incorporated herein by reference in its entirety.

Comments on Statements of Reasons for Allowance

In response to the Statement of Reasons for Allowance in the Notice of Allowance mailed January 22, 2010, Applicant respectfully disagrees with the Examiner's statement of reasons for allowance to the extent that the limitations recited by the Examiner are not present in all of the claims. Also, to the extent that there is any implication that the patentability of the claims rests on the recitation of a single feature, Applicant respectfully disagrees with the Examiner's Statement because it is the combination of features that makes the claims patentable.

Applicant submits that the claims of the present application are allowable because each of the claims recites a combination of features that are not taught or suggested by the prior art.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4-21-2010

By: John R. King
John R. King
Registration No. 34,362
Attorney of Record
Customer No. 20,995
(949) 760-0404